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To:	Examiner: Jeffrey C. Hedrick, et al. Art Unit: 2826	From:	Les Szivos
Fax:	571-273-8300	Pages:	16 pages including fax cover sheet
Phone:		Date:	2/3/2006
Re:	U.S. Patent Appln. No. 10/648,884 Filed: August 27, 2003 Docket: YOR920030112US2 (16755) Confirmation No. 4881	CC:	

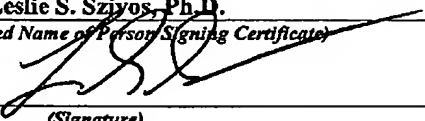
RESPONSE TO OFFICE ACTION

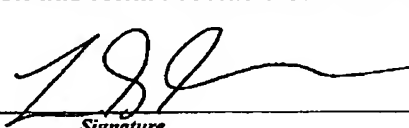
Please see the following documents:

1. Amendment Transmittal (in duplicate)
2. Authorization to charge IBM deposit account
3. Response under 37 C.F.R. § 1.111 (12 pages)
4. Certificate of transmission by facsimile dated February 3, 2006


If you have any questions concerning this facsimile please contact Vivian Henriquez at 516-742-4343.
Thank you.

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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)		Docket No. YOR920030112US2 (16755)	
Applicant(s): Jeffrey C. Hedrick, et al.			
Application No. 10/648,884	Filing Date August 27, 2003	Examiner Leonardo Andujar	Group Art Unit 2826
Invention: MULTILAYERED CAP BARRIER IN MICROELECTRONIC INTERCONNECT STRUCTURES			
<div style="text-align: right;">RECEIVED CENTRAL FAX CENTER FEB 03 2006</div> I hereby certify that this <u>RESPONSE UNDER 37 C.F.R. § 1.111</u> <small>(Identify type of correspondence)</small> is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-8300</u>) on <u>February 3, 2006</u> <small>(Date)</small> <div style="text-align: center;"><u>Leslie S. Szivos, Ph.D.</u> <small>(Typed or Printed Name of Person Signing Certificate)</small>  <small>(Signature)</small></div> <p>Note: Each paper must have its own certificate of mailing.</p>			

AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. YOR920030112US2 (16755)									
Applicant(s): Jeffrey C. Hedrick, et al.														
Application No. 10/648,884	Filing Date August 27, 2003	Examiner Leonardo Andujar	Customer No. 23389	Group Art Unit 2826	Confirmation No. 4881									
Invention: MULTILAYERED CAP BARRIER IN MICROELECTRONIC INTERCONNECT STRUCTURES														
<u>COMMISSIONER FOR PATENTS:</u>					RECEIVED CENTRAL FAX CENTER FEB 03 2006									
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.														
CLAIMS AS AMENDED														
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE									
TOTAL CLAIMS	42 -	43 =	0	x \$50.00	\$0.00									
INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00									
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00									
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00									
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.														
 Signature			Dated: February 3, 2006											
Leslie S. Szivos, Ph.D. Registration No. 39,394 SCULLY, SCOTT, MURPHY & PRESSER, P.C. 400 Garden City Plaza - Suite 300 Garden City, New York 11530			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</td> </tr> <tr> <td colspan="2" style="text-align: center;">(Date)</td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ Signature of Person Mailing Correspondence</td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table>				I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____		(Date)		_____ Signature of Person Mailing Correspondence		_____ Typed or Printed Name of Person Mailing Correspondence	
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_____ Typed or Printed Name of Person Mailing Correspondence														
CC:														

P11LARGE/REV09

AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. YOR920030112US2 (16755)	
Applicant(s): Jeffrey C. Hedrick, et al.						
Application No. 10/648,884	Filing Date August 27, 2003	Examiner Leonardo Andujar	Customer No. 23389	Group Art Unit 2826	Confirmation No. 4881	
Invention: MULTILAYERED CAP BARRIER IN MICROELECTRONIC INTERCONNECT STRUCTURES						
<u>COMMISSIONER FOR PATENTS:</u>						
Transmitted herewith is an amendment in the above-identified application.						
The fee has been calculated and is transmitted as shown below.						
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	42 -	43 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
 Signature			Dated: February 3, 2006			
Leslie S. Szivos, Ph.D. Registration No. 39,394 SCULLY, SCOTT, MURPHY & PRESSER, P.C. 400 Garden City Plaza - Suite 300 Garden City, New York 11530			<div style="border:1px solid black; padding:5px;"><p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</p><p style="text-align:center;">(Date)</p><p style="text-align:center;">_____ Signature of Person Mailing Correspondence</p><p style="text-align:center;">_____ Typed or Printed Name of Person Mailing Correspondence</p></div>			
CC:						

P11LARGE/REV09

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicant(s):** Jeffrey C. Hedrick, et al.**Examiner:** Leonardo Andujar**Serial No:** 10/648,884**Art Unit:** 2826**Filed:** August 27, 2003**Docket:** YOR920030112US2 (16755)**For:** MULTILAYERED CAP BARRIER
IN MICROELECTRONIC
INTERCONNECT STRUCTURES**Dated:** February 3, 2006**Confirmation No:** 4881**RECEIVED**
CENTRAL FAX CENTER**FEB 03 2006**Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450**RESPONSE UNDER 37 C.F.R. § 1.111**

Sir:

In response to the Office Action dated November 4, 2005, applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: February 3, 2006

Leslie S. Szivos

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